



GRUPO PEGAMO DESDE 1982



SUMINISTRO INDUSTRIAL

En Pegamo Suministro Industrial llevamos desde 1982 vendiendo, alquilando y reparando Herramienta Hidráulica, Herramienta Neumática y Herramienta Manual de las principales marcas del mercado.

Te asesoramos para que encuentres la mejor solución a las necesidades de tu empresa.

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FlexPAK 800 DX

La solución líder de extracción. Siempre la capacidad adecuada.



The FlexPAK DX high vacuum unit represents the foremost solution on the market. The unit is designed for the extraction of welding fumes, grinding dust, metal chips etc. FlexPAK DX is suitable for cleaning the workplace, the shop floor, and machines. FlexPAK DX regulates the speed of the motor automatically depending on the vacuum demand. Compared to traditional controllers, FlexPAK provides an optimal, and well-balanced vacuum according to the need, ensuring energy-saving operation. The filters are effectively cleaned by applying powerful air bursts to the filter through quick opening valves. The dust is knocked off by the impact and collected in the dust bin. The sequence is controlled by the PLC, and it can be adjusted to suit every installation. This maximizes the life of the filter and ensures the correct functioning of the unit. FlexPAK can be fitted with different types of alarms, for example, level monitors for waste containers, filter indicators (for clogged filters) and fire alarms. Alarms can be activated at A and B levels and can be set to give both visual and audible signals. FlexPAK800 DX is a high vacuum unit, suitable for applications where metal chips, shot blasting grit and other heavy material need to be removed. FlexPAK1000 DX operates at a lower vacuum level and is suitable for extracting welding fumes and grinding dust and for use where a constant airflow, independent of the number of users, is a requirement. FlexPAK DX is designed to extract combustible and noncombustible dust, but the unit "as a whole" is not to be placed in an area that is classified as a zone according to directive 1999/92/EC. It is only the inside of the filter that meets the ATEX requirements. FlexPAK 800/1000 DX may be used with duct systems internally classified as zone 20, 21 or 22. The product has no marking since there is no internal ignition source. The inside is to be considered as a simple filter/ silo and does not fall under the scope of the directive 94/9/ EC. It is of outmost importance to know the properties of the extracted material. The FlexPAK DX is intended to be a part of an extraction system collecting material with the following properties:

- Dust explosion class: St1 and St2
- Pmax: ≤10 bar
- MIE (Minimum Ignition Energy) > 3 mJ
- MIT (Minimum Ignition Temperature) > 205 °C

Materials with properties not given within the above stated values must be investigated prior to use with the FlexPAK DX. Contact Nederman for technical support and Dust application investigation.

Built in PLC functions:

- Pipe flushing and filter cleaning sequences are performed just before system idling.
- Weekly timer – ensures unit is switched off outside normal working hours.
- Overtime timer (option).
- Waste emptying possibilities: Manual, automatic time controlled emptying, or by an optional Bin Level Indicator.
- Filter cleaning possibilities: automatic time controlled cleaning, automatic cleaning triggered by a delta pressure sensor.

Built in safety functions:

- Filter cleaning is disabled during waste emptying sequence.
- Built in Emergency stop switch.

FlexPAK 800 DX

- Monitored control filter to detect main filter failure.
- Monitored relief panel. Vents the explosion to a safe area and stops the unit.

- Fácil de instalar
- Desarrollado con funciones PLC
- Bajos costes de funcionamiento y mantenimiento
- Construido en condiciones seguras
- Adecuado para una gran variedad de aplicaciones

| | |
|-----------------------------------|--|
| Nombre de producto | FlexPAK 800 DX |
| Nivel sonoro | 70 |
| Requerimientos de aire comprimido | Seco y limpio (conexión Ø 6) |
| Instalación | Interior |
| Tipo de método de limpieza | Impulsos de aire inverso |
| Application | Polvo, Granulado, Granalla, Humo, Viruta |
| Presión de trabajo (kPa) | 20 |
| Capacidad del contenedor (l) | 70 |
| Máximo Caudal (m3/h) | 800 @ -20 kPa |
| Superficie de filtración (m2) | 6 |
| Voltaje (V) | 400 |
| Frecuencia (Hz) | 50 |
| Fases | 3 |
| Tipo de filtro | Mangas |
| Número de elementos filtrantes | 1 |
| Material filtrante | Acc. To Class M |
| Enchufe eléctrico | sin |
| Working pressure (kPa) | 20 |
| Noise level (dB(A)) | 70 |
| Max vaccum (kPa) | 35 |
| Peso (kg) | 412,5 |
| Potencia (kW) | 18,5 |



Granulado Granalla Humo Viruta Polvo

FlexPAK 800 DX

| Modelo |
|----------|
| 40050311 |

FlexPAK 800 DX

| | Accesorio | Referencia |
|---|---|------------|
|  | Deflector 220x540 | 40376771 |
|  | Interruptor diferencias de presiones 3-15 kPa NC | 40375273 |
|  | Indicador de nivel (BLI)EX | 40375269 |
|  | "Alarma de incendio completa. Se activa cuando la temperatura excede de +140 grados centígrados. Si se coloca en la zona EX, se requiere un circuito de seguridad intrínseca. " | 40116540 |
|  | Tubería embridada Ø 150, 1 m | 40375263* |
|  | Tubería embridada d150 0,5m | 40376525* |
|  | Codo 90° embridado Ø 150 | 40375264* |
|  | Codo embridado 45° Ø 150 | 40376770* |
|  | Silenciador LT160 | 40139090 |
|  | Curva helicoidal BU 160mm 90° | 40130810 |
|  | Rejilla helicoidal 160mm | 40130230 |
| | Bolsa de plástico 730x900, 20pcs, en material conductor para aplicaciones EX | 40118800 |
| | Tubería de transición embridada 0,2m DN150 B-Flap | 40376973 |
| | Adaptador brida/brida DN150 B-Flap | 40376976 |

*Tubos resistentes a la presión y codos para la instalación entre la entrada del filtro y la válvula de aislamiento. Se necesita un adaptador entre las bridas de la tubería y la válvula de aislamiento. Elementos de fijación y sellos incluidos.

FlexPAK 800 DX

